TABLE 1

REVISED DATA SUMMARY COMPARISON FOR PCB VERIFICATION RESULTS IN SOIL

Former Pechiney Site

3200 Fruitland Avenue, Vernon, California

Concentrations are in milligrams per kilograms (mg/kg)

Location	Chemical	Depth (ft bgs)	Data[1]	Count	Number of Detections	Detection Frequency	Minimum Reporting Limit	Maximum Reporting Limit	Minimum Detection	Maximum Detection	UCL Recommended	UCL [2]
North	Aroclor 1254	0-15	Original	1017	36	4%	0.02	2	0.027	1.5	95% KM (% Boostrap)	0.0345
			Updated	1031	36	3%	0.02	2	0.027	1.5	95% KM (% Boostrap)	0.0344
	Total PCBs	5-15	Original	449	191	43%	0.02	0.2	0.05	22.44	95% KM (Chebyshev)	1.756
			Updated	463	201	43%	0.02	0.2	0.05	31.7	95% KM (Chebyshev)	1.983

Notes

1. Original results refers to the June 2015 EPA deliverable; updated results include the addition of 14 samples collected from the north parcel on October 1, 2015.
2. Upper confidence limits (UCLs) were calculated using U.S. EPA ProUCL software version 5.0.00.

Abbreviations

ft bgs = feet below ground surface
mg/kg = milligram per kilogram
PCBs = polychlorinated biphenyls
UCL = upper confidence limit

TABLE 2

COMPARISON OF POST-REMEDIATION HEALTH RISKS - PCBS IN SOIL

Former Pechiney Site

3200 Fruitland Avenue, Vernon, California

Concentrations are in milligrams per kilograms (mg/kg)

Location	Chemical	Depth (ft bgs)	Data [1]	Remediation Goal [2] (mg/kg)	UCL [3] (mg/kg)	UCL Below Remediation Goal?	Soil RBSL (mg/kg)				Health Risks [4]			
							Construction Worker		Outdoor C/I Worker		Construction Worker		Outdoor C/I Worker	
							Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer	Cancer	Noncancer
North	Aroclor 1254	0-15	Original	2.0	0.0345	Yes	3.5	2.0	0.53	7.5	1E-08	2E-02	7E-08	5E-03
			Updated		0.0344	Yes					1E-08	2E-02	6E-08	5E-03
	Total PCBs	5-15	Original	23	1.756	Yes					5E-07	9E-01	3E-06	2E-01
			Updated		1.983	Yes					6E-07	1E+00	4E-06	3E-01

Notes

1. Original results refers to the June 2015 EPA deliverable; updated results include the addition of 14 samples collected from the north parcel on October 1, 2015.
2. Site-specific remediation goals were developed in the Feasibility Study (AMEC, 2012a). The depth of future below-grade excavation at the Site will encompass the upper 15 feet of soil, so that is why this interval was considered for remediation.
3. Upper confidence limits (UCLs) were calculated using U.S. EPA ProUCL software version 5.0.00.
4. Health risks are calculated as follows:

   Cancer risk = UCL x $1x10^{-6}$ / cancer RBSL

   Noncancer hazard quotient = UCL x 1 / noncancer RBSL

Abbreviations

ft bgs = feet below ground surface
C/I = commercial/industrial
mg/kg = milligram per kilogram
RBSL = risk-based screening level
UCL = upper confidence limit